

Application No. 10/525,647
In Response to Office Action July 11, 2007
Paper Dated April 22, 2008
Attorney Docket No. 4559-045632

REMARKS

The undersigned thanks Examiner Zheng for the courtesies extended in the telephonic interviews of April 7 and 14, 2008, during which the Examiner offered to allow claims 19 and 21 combined without the 99% homology (sequence identity) language. Applicants have made such claim amendments herewith and acknowledge that at a minimum there ought not to be any prosecution history estoppel as to any SEQ ID NO. 18 equivalents having sequence identity greater than 99%. This Supplemental Amendment is being made at the invitation of the Examiner.

Claims 1-49 have been canceled and new claims 50-70 are submitted herewith. Claim 50 represents the suggested combination of previously pending claims 19 and 21. Claim 51 parallels previously pending claim 20. Claims 52-55 parallel previous claims 22-25. Claims 56-57 parallel claims 30-31. Claims 58-70 parallel claims 36-48 with one exception—in order to avoid redundancy the dependencies of claims 66 and 67 have been corrected *vis a vis* previously pending claims 44-45.

Newly presented claims 50-70 are believed to be in condition for immediate allowance and such favorable action is respectfully requested. Should any matter remain for resolution prior to allowance, the Examiner is urged to telephone the undersigned at the telephone number listed below. Although no fees are believed to be due (the same number of independent and fewer dependent claims are pending now than were previously paid for) The Commissioner for Patents is authorized to charge any such fees to Deposit Account 50-4488.

Respectfully submitted,

BARBARA E. JOHNSON, ESQ.

By 
Barbara E. Johnson
Registration No. 31,198
Attorney for Applicants
555 Grant Street, Suite 323
Pittsburgh, Pennsylvania 15219
Telephone: 412-281-3350
e-mail: bejohnsonesq@aol.com